Missouri Botanical Garden
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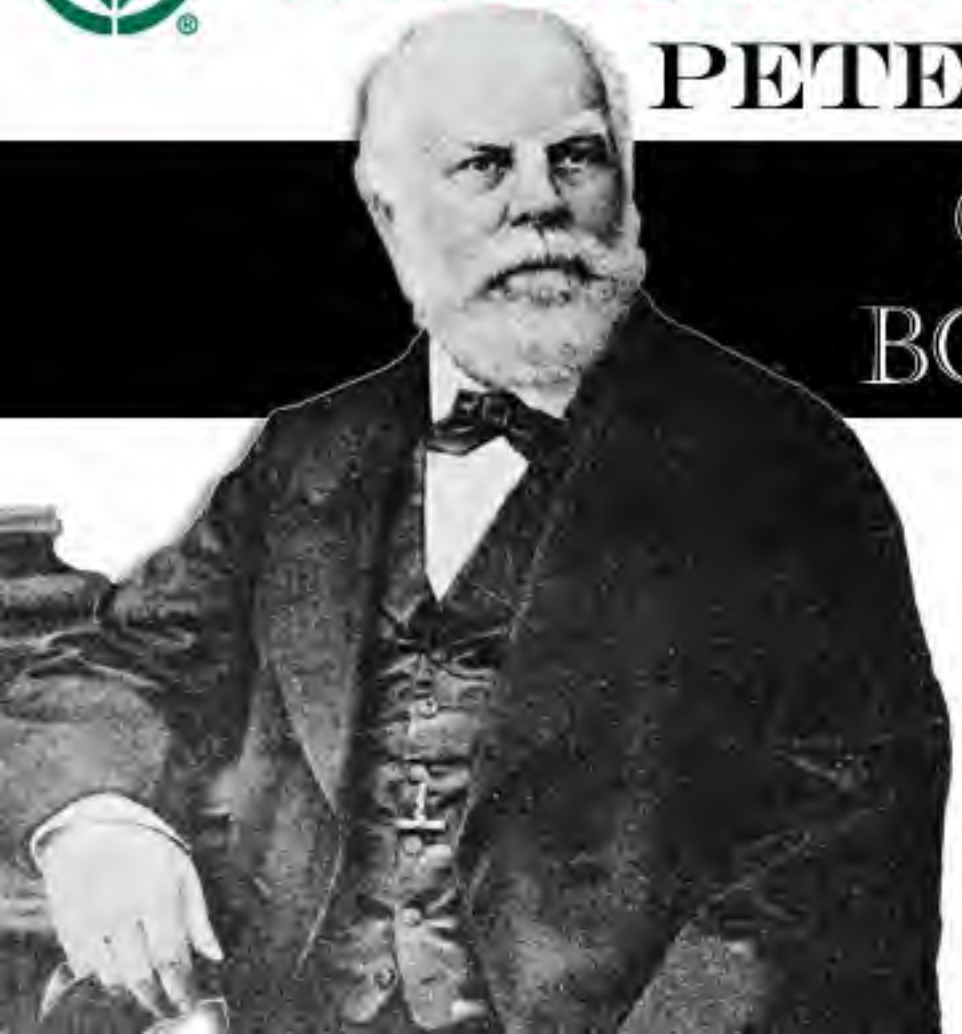
George Engelmann Botanical Notebooks



Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

1-3

133

Cyperaceae

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cm
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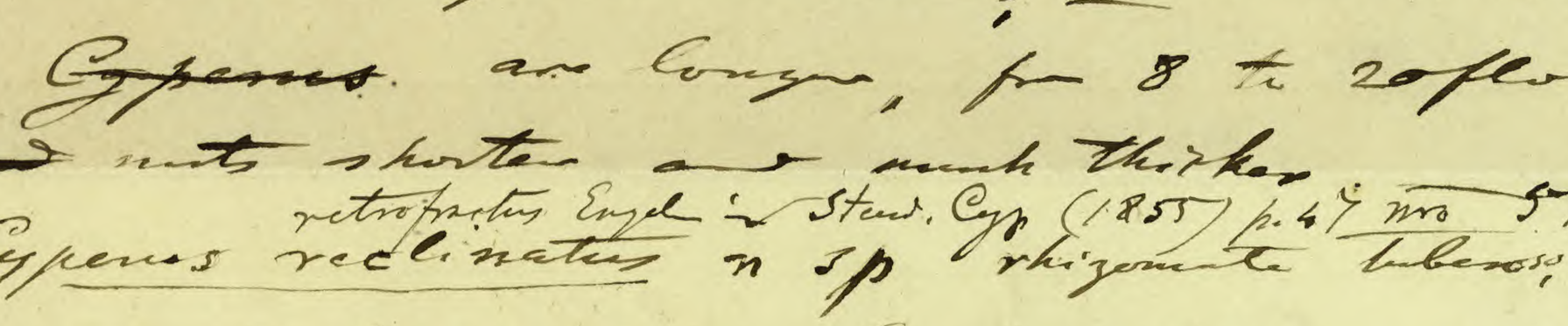
Engelmann: Sheuzl (1857) p. 47
radix
Cyperus Nº 586

Cyperus tenuior n sp. (annuus), culmo acute triangulari laevi; foliis culmo subbrevioribus, planis, margine dorsoque scabris; involucri foliis 4–6 capillaceis, radiis 5–7 inaequalibus, simplicibus, spiculas capitatas gerentibus; spiculis 7–9 floris; rhachi squamis interioribus adnatis alata, fragili; squamis exterioribus remotis, obtusis, dorso carinatis, 5 nerviis, margine membranaceis et dorso herbaceis; stamin. 3; stylo ad medium 3 fido; achenio oblongo, triquetro, apiculato, basi subtus paulo attenuato, brunneo stipitato; squamis interioribus aequat exterioribus paulo brevioribus.

In the Banks of a muddy creek in the bottom opposite St Louis, together with C. Michauxianus & C. Mississippiensis Engelm. sometimes between drift wood floating on the surface; fl. September. — From 4 inches to 2 feet high, reddish at base; leaves in the larger specimens 4 lines wide; spikelets generally brown, about 6 lines long, thinner than in any other N. American species, flowers more distant, so that the tip of one scale never touches the base of that above it. — Nuts 7/8 of a line long. The annual growth, the fragile spike, the distant inner scales, which embrace the nut, prove this species nearly related to the C. Michauxianus, from which however it is easily distinguished by the characters given above; in C. Mich. the spikes are longer, from 8 to 20 flowered, and nuts shorter and much thicker.

Cyperus reclinatus retrofractus Engelm in Stud. Cyp. (1855) p. 47 Nro 5/2 n sp rhizomate tuberoso, repente, culmo acute triangulari, laevi; foliis culmum subaequantibus, margine planis, scabris; fol. involucri 4–6 capillaceis, radiis 5 simplicibus elongatis; floribus spiculis late spicatis,



10204

inferioribus reparatis, bracteis, subtetragonis ~~tortulosis~~ 5-8 floris
rhachi squamis interioribus ciliatis adnatis alatis, squamis exterioribus
adpressis, obtusis, dorso haberectis, (7-9 nervis), margine apice
que membranaceis; stam 3, stylo ultra medio 3fido,
achenio ob lanceolato-lineari, triangulato, apiculato basi
attenuato, squamis interioribus aequante, exterioribus ~~multo~~ sine stipite
brevioribus.

Sandy banks of the Merrimac river south of St Louis
together with Vernonia Arkansana; fl. Aug & Sept. 4.
— Near C. letterogonus Ell, but easily distinguished by
the tubercles beyond large spikes, and ~~fewer~~ more distant flowers, larger
With this & C. Baldwinii & C. ovularis it forms a
peculiar section, of which C. verbenaceus has the coarsest
heads and longest spikes and C. ovularis the most
compact heads and shortest spikes. — Culm 10 to 20
inches high; leaves 1/2 to 3 lines wide; spikelets
green & white 6, 6 to 9 lines long, 15 to 30 in a head;
flowers rather distant, so that the top of one rarely
reaches to the base of the next above it.
Nuts 1/3 line long, (in C. letterogonus just 1 line)

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Engelmann

1863

Dr. Engelmann
St. Louis
Mo.

50c01

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Eriophorum latifolium

α. nigrocarinatum, europaeum

β. viridicarinatum, americanum

E. ——— angustifolium Europ.

E. ——— gracile

α. plurinerve — europaeum

β. paucinervium, americanum

E. lat. f. α seed light brown; scales dark castaneous even blackish, ovate (somewhat obtusish, carina darker.

β. seed yellowish; scales ovate acute, greenish castaneous colour, with green carina

E. gracile α. seed yellowish obtuse; pedunle to mentose scales ovate, obtusish with many lighter coloured nerves.

β. seed yellowish acutish; pedunle scabrous; scales ovate obtuse light coloured, with few (3) light coloured nerves.

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Eriophorum

Seed of *E. latifolium* Europe

seed light brown ped. scabr.

scale Dark brown, black carina, ~~tip obtuse, ciliate~~

E. angustifolium Europe

Scale leaden olour many whitish, carina dark,
lanceovate obtusish

seed light brown? yellowish? not ripe

E gracile Europ

seed yellowish ped tomentose - scale

scale ovate obtusish with many lighter colour'd nerves

E gracile? Illinois

seed yellowish ped. scabr.

scale light coloured, ovate obtuse, with few (3)
light coloured nerves

E. latifolium? Ohio
Eastn States

seed yellowish ped scabr

scales ovate acute, with green carina
scale greenish, leaden olour

E. vaginatum Europ

E. capitatum Scotland

E. alpinum Germany
& North States

E. virginicum Ohio

Seed brown

City of Jefferson
24. Jan.y 1843.

Dr Sir.

Allow me to introduce to you Mr. J.S. Case of the County of Benton in this State.

Mr. Case has for exhibition some fossil remains which he desires to have examined & a description given by some scientific Gentleman and has requested me to recommend them to Gentlemen connected with this Institution. I take the liberty - to give this letter, & action.

Very respectfully

B Wesley Allen.

D. Engelmann.

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Borkeler

Cyperus fumigiescens Ed.

Lehm. 1871. p. 396

Sub. C. Haspan Schoen. Cyperus

C. parvus Borkeler. b 397

Schoen, Cyperi Linn 62.

C. phymatodes Nees (repr.)

i. a. var. f. C. esculentus Lin. f.

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Edwardsia ?

1 — 3 spikes

Gordon's Garden

June 11, 1864

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HENRY SHAW FUND
ST. LOUIS

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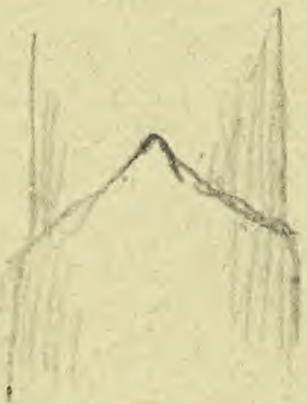
Cacochaenia obtusa
Klotzsch

2-4 13 1878

sect of scape x10

x10

tubercle
distinctly separate



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Clarkia Purpurea

July 13 1878

c Hale, Minn

sect of scape X10

X10

X10

tubercle
scarcely separate

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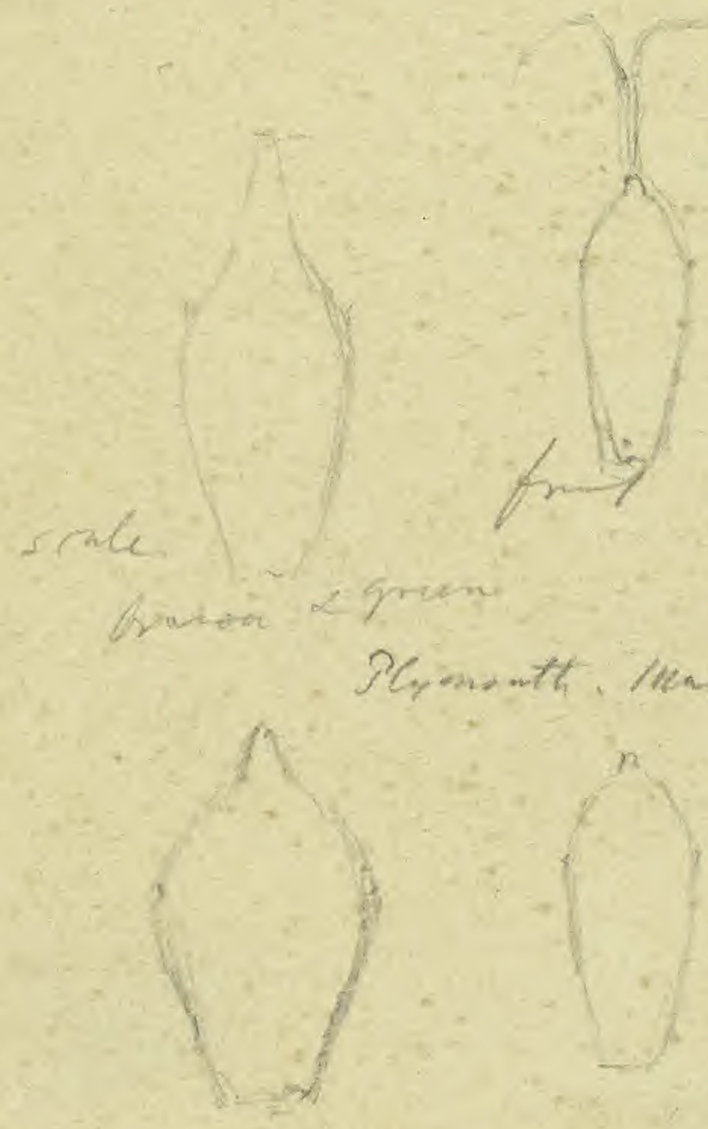
Hieracium scabrescens

Jan 1st 1879

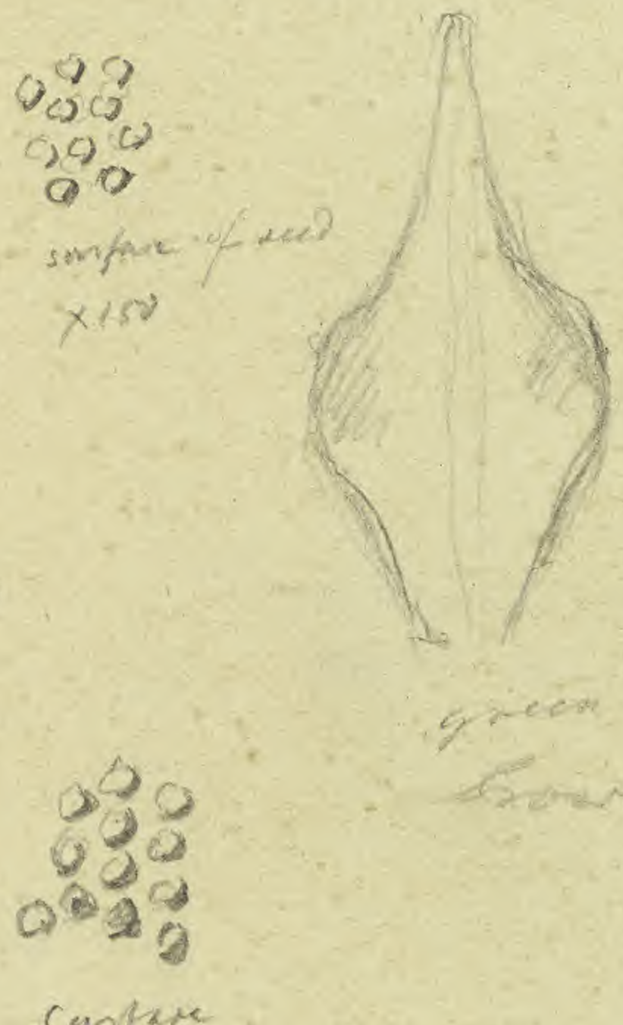
St Louis

Geneva

× 30



surface of seed
× 150



Surface of seed
× 150
tuberculate

scale
brown & green

Plymouth, Mass

surface
× 150

all brown

green with brown nerves

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Sorghum drebbii ?

Smith 1866 as

S. Smithii Gray

var ed.

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16211

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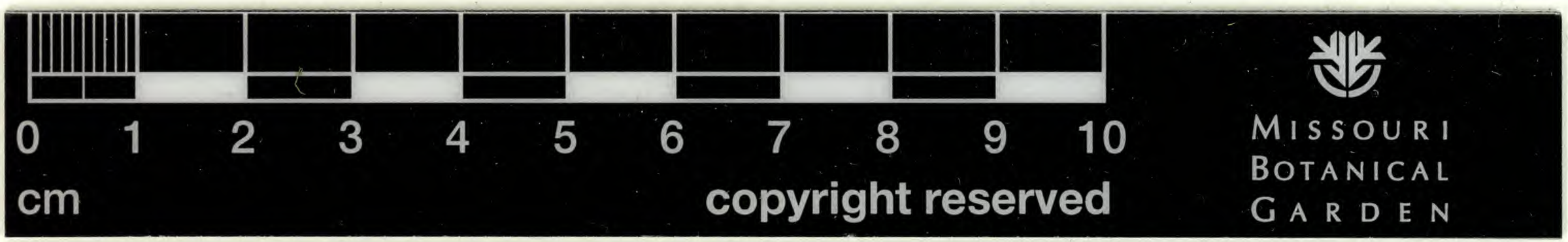

Herrn Dr. Christ in Basel
zurück mit freundlichen
Gruß Dr. J. Erselmann

A Braun in Berl

(Herrn Dr. Lewis in gefälligster Beachtung
Vulpius ist Pflanzenverbreiter

10212

Cyperaceae Gottsche

ex Nees in Linnaea IX. p. 273.

Gottschecyperus Nees

Nomen in adnot. in Hassk.

Artanema

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